The Bioinformatics & Systems Biology group (http://bioinformatics.psb.ugent.be/) at the VIB Department of Plant Systems Biology studies the structure, function and evolution of biological networks in multiple organisms. As part of its research, the team continuously develops, in collaboration with other Flemish universities, novel software tools for the integration of large-scale data sets and the inference of regulatory networks.

In a next phase, VIB wishes to increase and optimize the use of those tools for a variety of large-scale data projects. Such projects will be in collaboration with research groups within VIB as well as with external academic and industrial partners. Therefore, VIB attracts a

Computational Biologist/Bioinformatics Developer

As a member of VIB's a new bioinformatics project framed in the computational systems biology research group, you will be responsible for the commercialization of our software tools and, in close collaboration with the research scientists, for the development of software usability improvements.

Responsibilities include:

- Providing consultancy services for software testing and validation: definition of suitable test data sets, NDA, running software and analyzing output together with the company's bioinformatics team.
- Developing and implementing software improvements and extensions, especially with regards to usability improvement (user interface, output visualization, etc.) and integration of multiple tools (often written in different programming environments).
- Writing project applications (e.g. IWT) for proof-of-concept studies.
- Participating in meetings with bio, pharmaceutical, agbio and food companies to present our in-house systems biology software tools.

Profile:

- PhD in computational or biological sciences, with experience or strong interest in computational systems biology.
- Fluent in English.
- Excellent communication skills.
- Strong interest in technology transfer and research commercialization.
- Fluent in multiple programming languages (Java, Matlab, Perl, etc.).
- Work experience in industry is a plus.

Contact:

- If you have the necessary skills and would like to be considered, please send your resume by email to Barbara Leyman (Barbara.Leyman@vib.be). Applications will be accepted until the position is filled.